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DEVICE AND METHOD FOR ASSISTING KNOWLEDGE ENGINEER IN ASSOCIATING INTELLIGENCE WITH CONTENT

ABSTRACT

This document discusses, among other things, systems and methods for assisting a knowledge engineer in associating intelligence with content. An example system classifies a set of documents to concept nodes in a knowledge map that includes multiple taxonomies. A candidate feature extractor automatically extracts features from the documents. The candidate features are displayed with other information on a user-interface (UI). The other displayed information may include information regarding how relevant terms are to various concept nodes; such information may be obtained from a prior classification iteration. From the candidate features and accompanying information and/or personal knowledge, a knowledge engineer selects features and assigns the selected features to concept nodes. The documents are classified using the user-selected features and corresponding concept node assignments. The UI also indicates how successfully particular documents were classified, and displays the features and relevance information for the knowledge engineer to review. The knowledge engineer may alternatively select a subset of documents; the features of the subset are used to classify the documents.